

## CARDIAC RHYTHM TEMPLATE GENERATION SYSTEM AND METHOD

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### ABSTRACT OF THE DISCLOSURE

A method and system provides for generating a snapshot representative of one beat of a patient's normal cardiac rhythm. Cardiac rate channel signals and shock channel signals are sensed. A fiducial point is determined for a predefined number of the cardiac rate channel signals. A predefined number of the shock channel signals are aligned using the fiducial point. A template is generated using the aligned shock channel signals, whereby the template is representative of one of the patient's normal supra-ventricular conducted cardiac beats. The template is updated on a periodic basis.